

In the Claims

1. A release agent comprising desugared sugar beet molasses or sugar cane molasses.
2. The release agent according to claim 1, wherein said molasses comprises up to 99% solids by weight, more preferably 10 to 99% solids by weight, and most preferably, 57.5% to 60% solids by weight.
3. The release agent according to claim 1, further including an oil.
4. The release agent according to claim 1, further including a surfactant.
5. A release agent comprising at least one of steepwater, brewers condensed solubles and distillers solubles.
6. The release agent according to claim 5, wherein the steepwater, brewers condensed solubles, or distillers solubles comprise up to 50% solids by weight.
7. The release agent according to claim 5, further including an oil.

8. The release agent according to claim 7, said oil comprising 20% of the mixture by weight.

9. A method of preventing a material, such as asphalt or an aggregate material, from adhering to a surface, comprising:

applying a composition including at least one of desugared sugar beet molasses, sugar cane molasses, steepwater, brewers condensed solubles, distillers solubles, or mixtures thereof to the surface.

10. The method according to claim 9, wherein the surface is a truck bed and the applying includes spraying the composition on the truck bed before placing the aggregate material thereon.

11. The method according to claim 9 or 10, wherein the step of mixing the composition with oil, a surfactant, or water is completed prior to the applying step.

12. The method according to claim 9, 10, or 11, further including mixing the composition with ethylene glycol, di-ethylene glycol, soluble potassium salts, and the sodium, calcium, magnesium, and potassium salts of acetate, chloride, carbonate, formate, or mixtures thereof before the applying step.

13. A method of preventing the freezing of aggregate material,

preventing ice from forming on the material, or de-icing the material comprising:

5 placing the material at a location for temporary storage, such as in a vehicle bed or rail car; and

applying an agent including at least one of desugared sugar beet molasses, sugar cane molasses, steepwater, brewers condensed solubles, distillers solubles, or mixtures thereof to at least a portion of the material.

14. The method according to claim 13, further including mixing the agent with ethylene glycol, di-ethylene glycol, soluble potassium salts, and the sodium, calcium, magnesium, and potassium salts of acetate, chloride, carbonate, formate, or mixtures thereof before the applying step.

15. The method according to claim 13, wherein the aggregate material is in a pile and the agent is applied to at least a portion of the material in the pile.

16. The method according to claim 13, wherein the agent is applied to at least a portion of the aggregate material before being placed in the temporary storage location.

17. A structure, comprising:
a vehicle bed or rail car including a pile of aggregate material at least partially coated with a composition including at least a first component

comprised of at least one of desugared sugar beet molasses, sugar cane
5 molasses, steepwater, brewers condensed solubles, distillers solubles, or
mixtures thereof.

18. The structure according to claim 17, wherein the aggregate
material comprises crushed stone or rock, gravel, sand, coal, or the like.

19. The structure according to claim 17 or 18, wherein the
composition further includes a second component comprised of at least one
of ethylene glycol, di-ethylene glycol, soluble potassium salts, and the sodium,
calcium, magnesium, and potassium salts of acetate, chloride, carbonate,
5 formate, or mixtures thereof.

20. The structure according to claim 19, wherein the second
component is present in said composition in an amount ranging from about 5-
80% by weight and, most preferably, from about 10-60% weight.